



World Meteorological Organization

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Development and Implementation of Regional Flash Flood Guidance System
for the
Southeastern Asia-Oceania

Organizational and Management Aspects of Project
Planning and Implementation

Regional and National Set-up



Functions of the Regional Centre

- To provide effective coordination among WMO, HRC and NHMSs.
- To host high performance servers to run SAOFFG model and allow access to participating countries for SAOFFG products, to receive real-time data from various sources (e.g., in-situ data from GTS, QPF from meteorological limited-area models),
- To establish data transfer tools via secure ftp to exchange data between NHMSs and HRC,
- To maintain SAOFFG hardware and software with the support of HRC,
- To monitor routinely the availability of the SAOFFG products,
- To make routine regional hydrometeorological analysis and regional hazard identification,
- To validate local and regional products,
- To provide daily guidance from a regional perspective,
- To facilitate regional training in cooperation with WMO and HRC.

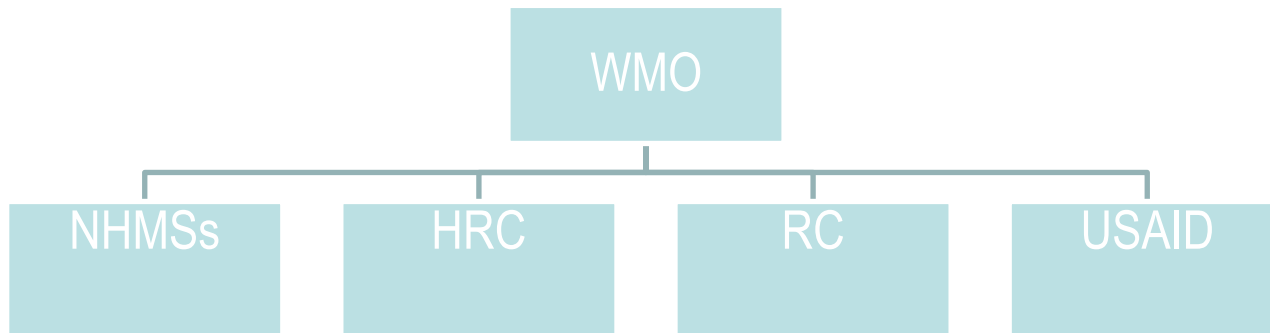


Functions of the NMHSs

- To have good cooperation and contact with RC,
- To set up a team to monitor daily the SAOFFG system for their own respective country,
- To prepare flash flood watches/warnings/alerts when it is considered necessary and disseminate them to respective national agencies including emergency management,
- To provide historical data to the SAOFFGS developer, HRC, through RC during the development phase,
- To provide real-time in-situ data to RC in six-hour interval,
- To participate in regional and long term training,
- To provide training to local duty/shift forecasters to build local capacity to use the products in daily forecasts,
- To cooperate with national agencies e.g., disaster management, water management, and agriculture to introduce flash flood guidance products,
- To prepare case studies for flash flood events and conduct verification studies and distribute the results to RC and HRC.



Project Steering Committee (PSC)



- Project steering committee will consists of delegates from WMO, RC, NHMSs, Hydrologic Research Center and USAID such that each will be represented with one delegate. On the other hand if deemed necessary, additional experts/representatives might attend the PSC meeting on an ad-hoc basis as required. WMO will work with PSC members in coordination and steering of the project.



COMMUNICATION

- Available communication channels shall be open between Regional Center and NHMSs because operational performances of the system depend on, among others, the exchange of knowledge, ideas, information, data and products. Lack of communication may not only cause interruption of the services but also decrease the quality of products and services provided.



Common Principles

- Data providers remain owners of data,
- Access to data and information generated by the project for project partners and beyond – where applicable – as per WMO Resolutions 25 (CG-XIII) and 40 (CG-XII),
- Services provided by Technical Development Partner (HRC) and the Regional Centre are of an Advisory Nature,
- Full responsibility for national guidance and warning services remains with the NMHSs.





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Thank you for your attention

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